

Title (en)  
Roof unit for vehicle

Title (de)  
Fahrzeug-Dachmodul

Title (fr)  
Module de toit de véhicule

Publication  
**EP 1170161 A3 20021009 (DE)**

Application  
**EP 01114431 A 20010615**

Priority  
DE 10046674 A 20000706

Abstract (en)  
[origin: EP1170161A2] A cover (11) allows for the selective release of a roof opening in a roof module. An electric motor driving mechanism (25,26) fits at least partly in a front apron (13) and operates the cover. The front apron (13) forms a hollow section component for a mounting frame fitted on the roof module.

IPC 1-7  
**B60J 7/02**; **B60J 7/057**; **B62D 65/00**

IPC 8 full level  
**B60J 7/02** (2006.01); **B60J 7/057** (2006.01)

CPC (source: EP US)  
**B60J 7/022** (2013.01 - EP US); **B60J 7/0573** (2013.01 - EP US)

Citation (search report)

- [A] DE 19851366 A1 19990520 - ASC INC [US]
- [A] DE 19746543 A1 19990512 - WEBASTO KAROSSERIESYSTEME [DE]
- [DA] DE 3002246 A1 19810730 - WEBASTO WERK BAIER KG W [DE]

Cited by  
EP3326851B1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1170161 A2 20020109**; **EP 1170161 A3 20021009**; **EP 1170161 B1 20060125**; DE 10046674 A1 20020307; DE 10046674 C2 20030327; DE 50108776 D1 20060413; US 2002024239 A1 20020228; US 6520570 B2 20030218

DOCDB simple family (application)  
**EP 01114431 A 20010615**; DE 10046674 A 20000706; DE 50108776 T 20010615; US 89952401 A 20010706